

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 501 | (257/190).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 09:33 |
| L2 | 428 | 1 and (@ad<"20020625") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:58 |
| L3 | 283 | 1 and (@ad<"20020625") and (defect\$1 or dislocation\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:16 |
| L4 | 1 | (GaN) and ((gallium adj oxide) with (silicon adj dioxide)) and (@ad<"20020625") and (defect\$1 or dislocation\$1) not 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:19 |
| L5 | 8 | (GaN) and ((gallium adj oxide) and (silicon adj oxide)) and (@ad<"20020625") and (defect\$1 or dislocation\$1) not 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:25 |
| L6 | 1232 | (metal adj atom\$1) and (semiconductor) and (@ad<"20020625") and (defect\$1 or dislocation\$1) not 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:25 |

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| L7 | 74 | ((metal adj atom\$1) and (semiconductor) and (@ad<"20020625") and (lattice adj defect\$1) not 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:33 |
| L8 | 3 | ((metal adj atom\$1) with (lattice adj defect\$1)) and (@ad<"20020625") not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:44 |
| L9 | 1 | ((metal adj rich) with (lattice adj defect\$1)) and (@ad<"20020625") not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:43 |
| L10 | 2 | ((metal adj rich) and (lattice adj defect\$1)) and (@ad<"20020625") not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:43 |
| L11 | 77 | ((metal adj atom\$1) and (lattice adj defect\$1)) and (@ad<"20020625") not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:57 |
| L12 | 2613 | ((257/190,189,617) or (438/48,143,407,471,511,797)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:57 |

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| L13 | 2112 | 12 not 1 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:57 |
| L14 | 2330 | 12 not 3 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 10:57 |
| L15 | 73 | 14 and (@add<"20020625") and (lattice adj defect\$1) | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 11:15 |
| L16 | 224 | (@ad<"20020625") and (lattice adj defect\$1) with (metal) not (15 and 11 and 3) | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/28 11:15 |